

**Modification history**

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 3.0.

ACMAIMXX4	Perform technical large animal rescue
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to use a range of recognised techniques and specialised equipment to extricate a compromised large animal from an incident scene. It covers lifting operations and potentially complex rescues of large animals from a variety of situations.</p> <p>The unit applies to individuals who work as responders in a team to assist in animal incident operations. They have experience responding to animal incidents and in applying animal handling and manipulation techniques.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	<p>The prerequisite unit of competency for this unit is:</p> <ul style="list-style-type: none"> <li>ACMAIMXX3 Use manual techniques to safely move compromised large animals</li> </ul>
<b>Unit Sector</b>	Animal Incident Management (AIM)

**Commented [DM1]:** Q - do you feel this prerequisite unit is required? Would a learner need to be deemed competency in the prerequisite unit prior to completing *Perform technical large animal rescue*?

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Assess incident situation and risks	<p>1.1 Participate in team briefing about incident operation plan, objectives and own role</p> <p>1.2 Anticipate hazards and associated risks to people and animals and discuss with team members</p> <p>1.3 Confirm incident controller's instructions and follow organisational procedures to meet plan objectives</p> <p>1.4 Monitor safety and maintain situational awareness at all stages</p>
2. Prepare for technical large animal extrication	<p>2.1 Select appropriate equipment for incident and size, weight and welfare requirements of the animal</p> <p>2.2 Select and correctly fit appropriate personal protective equipment (PPE)</p> <p>2.3 Assist with set up of incident area including planned release area for animal and egress routes</p> <p>2.4 Cooperate and communicate clearly with team members to ensure safety and animal welfare</p>
3. Prepare animal for extrication	<p>3.1 Work with veterinarian to physically and chemically restrain animal to allow safer access</p> <p>3.2 Approach the animal calmly on the safer side and adopt correct position for technique and equipment employed</p> <p>3.3 Ensure head restraint, ropes and protection are fitted to allow control of the animal's head</p> <p>3.4 Assess and respond to animal behaviour to ensure safety of self, others and animal</p>

ACMAIMXX4 Perform technical large animal rescue

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Apply techniques and equipment to extricate large animals	4.1 Assist with set up of manual and mechanical equipment required to extricate or lift the large animal 4.2 Attach straps, slings and/or hobbles securely to the animal according to agreed plan 4.3 Connect webbing straps securely to mechanical equipment, ensuring quick release mechanisms are in place 4.4 Adapt techniques and/or improvise rescue equipment to extricate animals from incident scene 4.5 Assist with steering, lifting and manoeuvring the animal safely to the planned location in readiness for release
5. Complete rescue operation	6.1 Remove the sling, ropes and/or hobbles in reverse order maintaining a safe system of work and avoiding unnecessary stimulation of the animal 6.2 Release large animal in a planned location to be treated or monitored during recovery phase 6.3 Recover, clean and store equipment and remove waste and debris from incident scene according to organisational procedures

Foundation Skills	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
Skill	Description
Oral communication	<ul style="list-style-type: none"> <li>Listen attentively and ask questions to confirm or clarify information using appropriate technical terminology</li> <li>Use clear, precise language and tone appropriate for situation and audience</li> </ul>
Interacts with others	<ul style="list-style-type: none"> <li>Work independently and collectively as an effective team member with a sense of responsibility and ownership of agreed plans, decisions and outcomes</li> </ul>
Navigate the world of work	<ul style="list-style-type: none"> <li>Recognise the purpose, main tasks, responsibilities and boundaries of own role</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>Plan, organise and sequence own tasks contributing to the efficiency and effectiveness of the team</li> <li>Adapt plans to accommodate safety and animal welfare contingencies making decisions based on organisational procedures and experience</li> </ul>

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
ACMAIMXX4 Perform technical large animal rescue	Not applicable	New unit	No equivalent unit

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103</a>
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TITLE	Assessment requirements for ACMAIMXX4 Perform technical large animal extrication
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> <li>• prepared animal and conducted the following vertical lift techniques: <ul style="list-style-type: none"> <li>• webbing sling lift</li> <li>• hobble lift</li> </ul> </li> <li>• demonstrated responses to three of the following scenarios, providing information about the extrication technique, equipment requirements and risks involved for each scenario: <ul style="list-style-type: none"> <li>• extracting a large animal trapped in a transport vehicle</li> <li>• freeing an animal trapped in mud</li> <li>• rescuing an animal trapped in water</li> <li>• freeing an animal trapped in a cattle grid or damaged flooring in a building</li> <li>• rescuing an animal from a deep trench</li> <li>• freeing an animal entangled or trapped in fencing or harness</li> <li>• managing a 'twin hot spot' incident involving an animal and person.</li> </ul> </li> </ul>	
<b>Knowledge Evidence</b>	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> <li>• features of control and command at incident scenes, including: <ul style="list-style-type: none"> <li>• roles of team members, including incident controller and veterinarian</li> <li>• communication protocols</li> <li>• incident zones (hot, warm, col) and personnel allowed in each</li> <li>• safe zones related to animals</li> </ul> </li> <li>• incident risk factors, including: <ul style="list-style-type: none"> <li>• unpredictable animal behaviour</li> <li>• size and weight of animals</li> <li>• other animals in vicinity, size of herd</li> <li>• human behaviour - owners, bystanders, spectators</li> <li>• environmental risks - noise, weather, geography, terrain</li> <li>• hygiene and biosecurity (zoonotic diseases)</li> <li>• incident types and potential for escalation</li> </ul> </li> <li>• methods of animal restraint and containment</li> <li>• techniques, equipment and risks associated with a range of animal incidents, including: <ul style="list-style-type: none"> <li>• animals trapped in water or mud (flood water, dams)</li> <li>• animals entangled - in fences, cattle grids, hanging</li> <li>• animals trapped - deep holes, confined spaces, perched on ledges</li> <li>• transport incidents - overturned vehicle</li> </ul> </li> <li>• vertical lift techniques, including sling lifts and hobble lifts</li> <li>• types of lifting equipment, including cranes, front-end loader, large tractor with bucket, tow truck, back hoe, heavy duty bi-pod frame with pulley, helicopter</li> <li>• types of equipment and how to use, including: <ul style="list-style-type: none"> <li>• chest strap, saddle girth, webbing slings</li> <li>• halters and ropes for head support</li> <li>• lifting slings, bars, harnesses</li> <li>• hobbles</li> <li>• padding</li> <li>• nickolpolus needle and mud paths for extraction from mud</li> <li>• floatation devices and suitable water craft for extraction from water</li> </ul> </li> <li>• lifting large animals, including: <ul style="list-style-type: none"> <li>• basic anatomy and where to place straps to avoid injuries to animal</li> </ul> </li> </ul>	

<b>Knowledge Evidence</b>
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| <ul style="list-style-type: none"><li>• behaviour and reactions to being lifted.</li></ul> |
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<b>Assessment Conditions</b>
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Assessment of skills must take place under the following conditions:
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| <ul style="list-style-type: none"><li>• physical conditions:<ul style="list-style-type: none"><li>• skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions</li></ul></li><li>• resources, equipment and materials:<ul style="list-style-type: none"><li>• large animal mannequins</li><li>• equipment required for vertical lifting and other techniques</li><li>• incident scene scenarios involving large animals to address the performance evidence requirements.</li></ul></li></ul> |
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Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.
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<b>Links</b>
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